



Abstract

The present invention relates generally to a novel nucleic acid molecule. More particularly, the present invention relates to a male germ line cell specific genetic sequence in plants. Male germ line cells include generative cells and sperm cells. Even more particularly, the present invention provides a male germ line specific gene or functional equivalent thereof. This invention is also directed to the promoter of said gene or its functional derivatives and their use in generating a range of mutant plants including male sterile plants and transposon tagged plants. Preferred nucleic acid molecules of the present invention include the LGC1 gene as well as homologs and derivatives thereof.